Find the Number Occurring Odd Number of Times

#include<iostream>

using namespace std;

int main()

{

int a[10],n;

int b[10];

int max;

cout<<"Enter the number of elements in the array ";

cin>>n;

cout<<"\nEnter the elements of the array ";

for(int i=0;i<n;i++)

cin>>a[i];

max = a[0];

for(int i=1;i<n;i++)

if(max<a[i])

max = a[i];

for(int i=0;i<=max;i++)

{

b[i] = 0;

}

for(int i=0;i<n;i++)

{

b[a[i]]++;

}

for(int i=0;i<=max;i++)

{

if(b[i]%2!=0)

cout<<i<<" ";

}

return 0;

}